



#4

MÆBÐ STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Tony P. Chiang and Karl F. Leeser

SERIAL NO.:

09/994,279

FILED:

November 26, 2001

TITLE:

Method for Integrated In-Situ Cleaning and Subsequent

Atomic Layer Deposition Within A Single Processing

Chamber

EXAMINER:

Unknown

GROUP ART UNIT:

2812

ATTY.DKT.NO.:

PA1688US

COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Under 37 C.F.R. §§ 1.56, and 1.97-1.98

SIR:

Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in Patent Cases, enclosed herewith is form PTO-SB-08 listing several references, copies of which are enclosed. The Examiner is requested to make these references of official record in the application. The references cited may be material to examination of the application and are submitted in compliance with Applicants' duty of disclosure as defined by 37 C.F.R. § 1.56.

No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application.

Respectfully submitted,

Tony P. Chiang and Karl F. Leeser

Dated: AFRIL 8 2002

Bradley Scheer, Reg. No. 47,059

Registered Patent Agent

Carr & Ferrell LLP

2225 East Bayshore Road, Suite 200

Palo Alto, CA 94303 TEL: (650) 812-3400

FAX: (650) 812-3444



COPY OF PAPERS ORIGINALLY FILED

Please type a plus sign (+) inside this box

Processe type a plus sign (+) inside this box

Processes type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

5

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| Application Number | November 26, 2001 Tony P. Chiang | | |
|------------------------|----------------------------------|--|--|
| Filing Date | | | |
| First Named Inventor | | | |
| Group Art Unit | 2812 | | |
| Examiner Name | Unknown | | |
| Attorney Docket Number | PA1688US | | |

| | | | ENCLOSURES | (check | all that apply) | |
|--|--|----------|--|--------|---|--|
| Fee Transmittal For | m | | Assignment Papers (for an Application) | · · · | After Allowance Communication to Group | |
| Fee Attached | d | | Drawing(s) | | Appeal Communication to Board of Appeals and Interferences | |
| Amendment / Reply | / | | Licensing-related Papers | | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | |
| After Final | | | Petition | | Proprietary Information | |
| Affidavits/de | eclaration(s) | | Petition to Convert to a Provisional Application | | Status Letter | |
| Extension of Time F | Request | | Power of Attorney, Revocat Change of Correspondence Address Terminal Disclaimer | tion | Other Enclosure(s) (please identify below): | |
| Express Abandonm | nent Request | | Request for Refund | | Postcard Cited References PTO-SB-08 (in duplicate) | |
| Information Disclos | | | CD, Number of CD(s) | | (| |
| Certified Copy of Pr Document(s) | riority | Rema | arks | | | |
| Response to Missir Incomplete Applicat | • | Total | page number does not | includ | e postcard and cited references. | |
| | Missing Parts R 1.52 or 1.53 | : | | | | |
| | | | | | 1 | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | | | | |
| Firm | | _ | <u> </u> | | וסרספ שנה צבל | |
| or Individual name | Carr & Ferrell, LLP Cust. No. 22830 | | | | | |
| Signature | Carr & Ferrell, LLP Cust. No. 22830 Reg. No. 47,059 | | | | | |
| Date | April 8, 2002 | <u>\</u> | | | ER 28 | |
| CERTIFICATE OF MAILING | | | | | | |

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

April 8, 2002 April 8, 2002

Bradley W. Scheer, Reg. No. 47,059 Typed or printed name

Signature Date | April 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.